Re: Happy Cows Project update -- Well DC-14 Sheila Fleming to: Rene Fuentes, DonaldM Brown

Cc: Jennifer MacDonald, Eric Winiecki, Marie Jennings

History:

This message has been replied to.

Hi Rene,

Donald said he would coordinate with Sunnyside WWTP while I am gone. We are still trying to get confirmation on what type of pH method they require.

I just talked to Russell Neill. I told him that we will not need their sonic rig in early January, but we may want it in early February after ken's project. Russell asked about Wyckoff. I told him that we have a geoprobe in the region that will work at that site (that is what Howard told Jennifer). If Russell is looking to use his rig at Wyckoff, I told him that it would need to accommodate the TARGost equipment. I haven't done TARGost so I couldn't give Russell any specifics. I know you don't have time now to think about this, but if you want to use the sonic rig at Wyckoff, let me know and I will talk to Howard or Kira about what specifically is needed to do TARGost so we can find out if the sonic rig is compatible.

Sheila

Sheila Fleming, P.E.

Risk Evaluation Unit Manager U.S. Environmental Protection Agency Office of Environmental Assessment 1200 Sixth Avenue, Suite 900, M/S OEA-095 Seattle, Washington 98101

Office: 206.553-1417 Mobile: 206.303.8126

> Rene Fuentes 12/12/2012 10:02:46 AM Sheila, Have not had much IDW water yet. Prob...

From: Rene Fuentes/R10/USEPA/US

To: Sheila Fleming/R10/USEPA/US@EPA.

Jennifer MacDonald/R10/USEPA/US@EPA, Eric Winiecki/R10/USEPA/US@EPA, Marie Cc:

Jennings/R10/USEPA/US@EPA

12/12/2012 10:02 AM Date:

Re: Happy Cows Project update-- Well DC-14 Subject:

Sheila.

Have not had much IDW water yet. Probably will not have much water until we start well development, which will not start before tomorrow Thursday since we need to wait for a period (48 hours) until after well installation of the grout.

At 10 am we are adding the bentonite pellets to well DC-14. Pretty quiet so far. Today we have two traffic flaggers due to the traffic and speed on the road by the Cow Palace (the view out of our little home away from home on wheels).

René

12/12/2012 10:49 AM

From: Sheila Fleming/R10/USEPA/US
To: Rene Fuentes/R10/USEPA/US@EPA

Cc: Jennifer MacDonald/R10/USEPĀ/US@EPA, Eric Winiecki/R10/USEPA/US@EPA, Marie

Jennings/R10/USEPA/US@EPA

Date: 12/12/2012 08:07 AM

Subject: Re: Happy Cows Project update-- Well DC-14

Hi Rene.

Thanks for the update. Glad to hear things are going well, but sorry to hear it is so chilly. Since you haven't encountered any perched zones we are still doing fine on drilling footage & budget. From the looks of the cuttings on the side of the road it doesn't look like you are encountering any clayey soils. I can't wait to hear the test strip results. I leave today around noon, but I will have my BB with me. My desk phone rings through to my BB.

ENE is set up with TestAmerica to run the IDW water samples. When do you think they will be ready to grab the first sample? I am going to ask Donald to coordinate with Joe Ortega at the Sunnyside WWTP while I am gone. At some point, it might be good if you, Eric, Erin or the driller could drive by the WWTP, introduce yourselves to Joe and get him to show you where the RV discharge point is. Sunnyside is pretty relaxed about our discharge, but I want to make sure we have our data in order before we are ready to discharge any water.

Give a call if you need anything. Stay warm! Sheila

Sheila Fleming, P.E.

Risk Evaluation Unit Manager U.S. Environmental Protection Agency Office of Environmental Assessment 1200 Sixth Avenue, Suite 900, M/S OEA-095 Seattle, Washington 98101

Office: 206.553-1417 Mobile: 206.303.8126

Rene Fuentes Sheila, Today we drilled well DC-14 near the Co... 12/11/2012 08:27:51 PM

From: Rene Fuentes/R10/USEPA/US
To: Sheila Fleming/R10/USEPA/US@EPA,

Cc: Jennifer MacDonald/R10/USEPA/US@EPA, Eric Winiecki/R10/USEPA/US@EPA, Marie

Jennings/R10/USEPA/US@EPA

Date: 12/11/2012 08:27 PM

Subject: Happy Cows Project update-- Well DC-14

Sheila,

Today we drilled well DC-14 near the Cow Palace, and it went to 150 plus feet before we go to a clear water detection. Well is not constructed yet, but we expect it to get done tomorrow morning. Water was recovering very well after the drilling and pressured air injection stopped and we expect that it will be sufficient so we do not have to drill deeper to have the water level be at the depth desired to install the screen. Drilling went smoothly but it is deeper than we originally planned, but not as deep as I had predicted after yesterday's well water level was detected in well DC-3. I had predicted depths of 170 feet below ground surface at this well based on one water level from well DC-3.

Weather has been cold. This morning we had freezing fog warnings but it turned out to be not as bad as yesterday when we had pretty frozen car windows. Temperatures about 25 to 40 (?) but it is hard to tell in the field. Traffic control has been working fine so far, and have not had any issues, even in this relatively heavily travelled road.

Next message will have a couple of photos of today's events.

René

René Fuentes P.E., P.HG.

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